

Same			Sections	
	n, beta 1 (fibronec includes MDF2, M	tin receptor, beta polypeptide, antigen SK12)	CD29, CD29 antigen, Fibronectin receptor beta subunit, Fibronectin receptor subunit beta, FNRB, GPI Integrin beta-1 precursor, Integrin 4 beta subunit, Integrin VLA-4 subbeta, MDF2, MSK12, VLAB, VLA-BETA	VLA-
WikiGenes	edit this			
	page new			
UniProt	P05556,			
	A8K6N2,			
	Q29RW2			
IntAct	P05558			
PDB Structure	1LHA, 1K11	more than 1,500 organisms.	80,000 genes. 15 million :	sentences.
OMIM	135630	always up	to date - every day.	
NCBI Gene	3668			
NCBI RefSeq	NP_391987,			
NODI DefOes	NP_391989			
NCBI RefSeq	NM_033666, NM_033667			
NCBI UniGene	3888			
NCI-Nature Pathw				
Homologues of F				
Definitions for iT	381 [2]			
Most recent infor	mation for ITG81	₩		
Enhanced PubMe	d/Google query .	194		
WARNING: Please ke confidence value ୁ ନ୍ଦୁ		detection is done automatically and can exhibit	a certain error. React seeve about synonym a	mbiguity and the HOP
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levels which is comparable to that elicited by forskolin. [1989]

We show here that an antibody which recognizes the beta-subunit of \(\frac{VLA-4}{2} \) (CD29 \(\gamma \)) on \(\frac{T collection}{2} \) can inhibit CD4+ \(\collection \)? profileration triggered by CD2 or CD3, and that binding of this antibody to activated T cells leads to an increase in cyclic AMP



The Jun N-terminal kinase (3888 3) inhibitor SP600125 and the anti-beta(1) (CD29 3) function-blocking antibody were used to assess 38% activation and integrin dependence, respectively. [2007] However, a CD29 o mAb which inhibits homotypic cest accregation could not block this \$2.80 production. [2002] CONCLUSIONS: Mechanical stress on the LHB and RI in the shoulder may induce ERK (?) and JAK at to express NF-***** kappaB by CD29 to develop capsule contracture, producing MMF-3 , 12-6 , and VEGF . [2009] Monoclonal antibodies to beta1 integrins beta-subunit (CD29) also strongly induced tumor necrosis factor-alpha and * interisukin-10 production, but not interleukin-12. [1999] \$2.2 stimulation of \$60 cests resulted in an increase in the expression of adhesion molecules involved in **binding** of \$60 cests to 4 bone marrow libroblests (BMF) and extracetatar matrix (ECM) proteins including the beta 1 chain CD29 🔅, alpha chains of VLA-4 and 5, beta 2 chain CD18 and alpha L chain CD11a. [1995] RESULTS: Reverse-transcriptase polymerase chain reaction [?] showed the MSCs to express the pluripotency marker gene OCT4., and flow extensions showed these cells to be positive for CD29., CD73., CD95., and CD195. and negative for CD31 >, CD45 >, and CD61 >. [2008] The results thus show that adhesion molecules other than \$\text{CAM-1} \times \text{CD29} \times \text{, AND \$\text{CD49} \times \text{ are responsible for the induced}} 4. adhesion between T cells and FN-alpha-pretreated KB cells. [1995] We further showed that CD29 \(\text{TNF-alpha} \) -mediated effects involved \(\text{PSK} \) \(\text{TS} \) and \(\text{Vecsion} \) kinase-dependent signaling <u>*</u> via MAPK 1930 but were independent of nuclear transcription factor (NF)-kappaB activity. [2004] * Flow cylometry revealed a 6-fold increase in the number of hMSCs double-positive for CD44 5/CD29 or CD99/CD29 in group CL after 7 days in culture, compared with group C. [Selection of the same in cells from both groups during culturing. [2006] We have analyzed immunohistochemically in situ expression of integrins (CD29 \, CDw49b, CDw49c, CDw49e, CDw49f) and CD44 isoforms (CD44 standard, CD44 var/v6, C (nonlesional skin, lesional skin before and along with topical calculated treatment). [1997] CD44 (homing ceil adhesion molecule) and very late activation antigen beta 1 (VLA beta 1; CD29) could be demonstrated on almost all fibroblasts without an alteration following cytokine stimulation. [1995] #_ = In all cases, the surfaces of IL aggregates reacted for CD44 but were consistently negative for CD29 (x); also absent was CD54 ... [2000] Conversely, the integrity of the and other was underscored by their even reactivity for CD29 , CD44 a, and <u>CD54</u> &. [2000] To investigate the mechanism by which down regulation of TWIST leads to inhibition of adhesion to mesothelial cells (MCs), * expression of adhesion molecules (CD29 a, CD44 a and CD54 a) were observed. [2007] The analysis of Scorescence intensity (MFI) revealed that CB reconceres expressed some CAM (CD29 3, CD54 3, CD102) with a lower intensity than AB monocytes except CD44 ... [2001] The expression of ICAM-1 (CD54), beta 1 integrity (CD29), and CD44 on cytomegalovisus (CMV)-infected human * embryonic librabiasts (HEF) was analyzed by flow cytometry. [1995]



OBJECTIVE: The aim of the study was to evaluate the effect exerted by terfenadine and texotenadine on adhesion molecules expression (COS4 ACAMES and CO29 (a) of a human continuously cultured conjunctival expression (WK) and a fibroblast cell line (HEL), [1998] Flow cytometric analysis indicated a strong need to investigate for novel cell-surface characteristic markers of BMSCs because there was no obvious difference in the expression of the selected characteristic BMSC cell surface markers CD29 \(\infty, \text{CD44} \) \end{CD44} \(\infty, \text{CD44} \) \end{CD44} \(\infty, \text{CD44} \(\infty, \text{CD44} \(\infty, \text{CD44} \(\infty, \text{CD44} \) \end{CD44} \(\infty, \text{CD44} \(\infty, \text{CD44} \(\in CD99 \(, CD105, and CD166 \) between fast-growing and slow-growing clones. [2007] The intensity of CD29 → and expression of CAMAN → also increased on both CD4+CD45RO+ and CD8+CD45RO+ cells after culture with the CMV antigen. [1995] Inclusion of an inhibitor of profein glycosylation and execylesis (brefeldin A) at all stages of separation partially prevented an **#** increase in the percentage of DCs bearing QD18 a., C29 and C54 whereas the inclusion of cyclobeximide (an inhibitor of polypeptide synthesis) interfered with increases in the percentage of cells bearing CD29 \(\text{a} \) and \(\frac{CD54}{CD5} \). [1997] Elem cytometry analysis revealed that the adherent fibroblast-like cells were consistently positive for CD29 \, CD44 \, # 4 CD105 &, and CD166 &, and were negative for CD14 &, CD34 &, and CD45 &. [2007] Quantification of the common leakocyte beta2-integrin subunit (CD18) and the common leakocyte beta1-integrin subunit <u>*</u> (CD29)) as well as blocking with anti-CD18 antibodies revealed no differences between PBMC adhering alone or in company of granulocytes to HDMEC. [1998] Addition of both anti-CD38 [?] and anti-CD29 mAb have an additive blocking effect; both ligand pairs may participate in MNL adhesion to neural cells, reminiscent of the multiplicity of ligands used by MNL when binding to acceptable. [1992] ATSC expressed CD29 4, CD44 4, CD90, CD195 and were absent for HLA-DR and 438 expression. [2004] 4 These cells also expressed the masenchymal stem cell (MSC) markers CD29 and CD44 . [2007] <u>*</u> RESULTS: Flow extensive analyses showed that in our population more than 90% of cells were positive for MSC markers: CD29 (95%), CD44 (90%), CD73 (95%), CD92 (98%). [2005] #_ Cells were isolated and characterized using flow cytometry by surface expression of Q0195..., Q0155..., Q0155..., Q029..., Q044..., CD14 , and CD34 . [2005] Also, the flow cytomotry analysis showed that ADSCs expressed high levels of stem cell-related antigens (CD13 >, CD29 >, **#** CD44 \(\triangle, CD385 \(\triangle,\) and CD385 \(\triangle,\) while did not express hematopoiesis-related antigens CD34 \(\triangle,\) and CD45 \(\triangle,\) and human ieulocyte antigen HLA-DR was also negative. [2008] Cell surface antigen expression of pMSC was similar to was MSC (bMSC) with lack of the haematopoietic and common heakonyte markers (CD34 \(\), CD45 \(\)), and expression of adhesion (CD29 \(\), CD165 \(\), CD44 \(\)) and stem cell (CD 90 , CD105 , CD73) markers. [2007] These cells exhibit mesenchymal stem cell (MSC) surface markers, including CD29 , CD44 , CD195, and platelet-***** derived growth factor receptor-alpha. [2006] The blood was incubated with neutralizing monoclonal antibodies to CD18 , CD11a, CD11b , CD29 , CD49d , CD54 , # alpha4beta7, or isotype-matched control antibodies, respectively, at 4 degrees C for 30 min. [1999]

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	Flow cytometry analysis after in vitro expansion on tissue culture plastic revealed that the fibroblastic cells were positive for CD29 &, CD44 &, CD36 &, and CD166 &, and negative for CD14, CD34 &, CD45 &, and CD133 &. [2008]	
	Like normal blood <u>basophils</u> , they express the integrins, <u>CD11b _, CD18 _,</u> CD29 _, and <u>CD49d _</u> [1998]	
	RESULTS: Surface epitope analysis revealed that T-MPCs were negative for <u>CD14 3, CD31 3, CD34 3</u> , and <u>CD45 3</u> expression and positive for <u>CD29 3, CD44 3, CD90 3</u> , and <u>CD105 3</u> expression, a characteristic <u>phenotype</u> of BM-MPCs. [2008]	*
	At <u>flow extensity</u> analysis AM-hMSCs showed an immunophenotypical profile, i.e., positive for <u>CD185 & CD73 & CD29 & CD45 & CD166 &</u> and negative for <u>CD144 & CD34 & CD45 &</u> consistent with that reported for bone marrow-derived MSCs. [2007]	
	In the present study, ovine bone manow derived MSCs positively express cell surface markers associated with MSC such as CD29 [?], CD44, and CD166, and lacked expression of CD14, CD31, and CD45.	
	In a retrospective immunohistochemical study based on 27 patients with stage IV follicle center franctions (FCL) the expression of CD44standard (CD44s), FA-1 [7] (CD11a, CD18), VLA-4 (CD49d), CD29) and CAM-1 (CD54 [7]) was analysed on franctions cells in bone marrow infiltrates. [1999]	*
	The protein markers (CD29 &, CD34 &, CD44 &, CD45 &, CD49 &, HLA-DR, CD106 &) of hADAS cells were detected by flow cytometry (FCM) to identify the stem cell, and the cell cycle was examined for P20 hADAS cells to evaluate the safety of the subculture in vitro. [2007]	*
	RESULTS: OA and NS (fixoblasts consistently expressed CD29 >, CD44 >, CD49e >, CD54 >, CD50 > and CD106 >. [2005]	
	There was a high expression of CD99 . CD29 . CD44 and CD195 and variable and moderate expression of CD166 and CD196	
	Flow cytometry revealed that the adherent cells were consistently positive for mesenchymal stem-cell-related markers CD29 CD44, CD365, and CD166, and were negative for the haemopoietic markers CD34, CD34, CD34, CD45, and CD133 similar to bone-marrow-derived mesenchymal stem cells. [2007]	
	In their undifferentiated state, cells were CD73, CD195, CD29, CD24, HLA-ABC, CD166, positive and CD45, CD34, CD34, HLA-ABC, CD166, positive and CD45,	
	CD34+ <u>progenitor cells</u> expressed the <u>integrio</u> beta 1 chain (CD29), <u>VLA-4</u> alpha (<u>CD496</u>), and <u>VLA-5</u> alpha (<u>CD496</u>). [1993]	<u>k</u>
	Analysis by flow cylometry demonstrated that pancreatic MSCs express cell surface antigens used to define MSCs isolated from bone marrow such as CD13 3, CD29 3, CD44 3, CD495 2, CD54 3, CD99 3 and CD195. [2006]	
	Both FBS-moDC and HS-moDC were strongly positive for <u>CD49e</u> (alpha5-integrin) and CD29 (beta1-integrin) but negative for <u>CD49e</u> (alpha4-integrin). [1998]	*
		top
	The cells were negative for hematopoietic markers but positive for CD29 , CD44 , CD80 , CD165, and CD165 . [2006]	
	RESULTS: <u>Meanshymal stem cells</u> expressed <u>CD105 \(\)</u> (4.25 +/- 0.35), <u>CD166 \(\)</u> (27.83 +/- 1.89), and CD29 \(\) (9.4 +/- 0.57) and were negative for <u>CD34 \(\)</u> , <u>CD14 \(\)</u> , and <u>CD45 \(\)</u> , [2005]	

The mesenchymal-related antigens CD90 , CD29 , CD166 , CD185, and CD44 were homogeneously detected by ***** cytofluorimetric analysis, whereas membrane (XCR4) was expressed only by a minority of cells. [2008] They exhibited a high expression of CD2, CD18 △, CD29 △, and CD494 △. [1998] Both BCP-1 and HBL-6 cells lack expression of important cytoadhesion molecules including CD11a and CD18 (LFALTER) 4... alpha and beta chains), CD29 [?] , CD31 , CD44 , CD54 [?] ((CA84 1 [?])), and CD521 [?] and E (L and E selectins). [1998] In contrast to a minority of DCs in whole blood, the majority of isolated DCs expressed the 2012 integrins and there were a * greater number of cells bearing CD44 &, CD54 and some of the beta 1 integrins (notably CD49b &, CD49d &, CD49e and CD29.3). [1997] The expression of adhesion molecules (LFA-1 [7] \(\), ICAM-1 \(\), CDZ9 \(\) on Tibels activated with cytomegalovirus (CMV) antigen was investigated by three-color flow cytometry analysis. [1995] Similar to researchy real stem cells, these amnion-derived stem cells (ADSCs) express the surface markers CD29 > and 4 <u>ගමුම</u>ු, but were negative for the lymphohematopoietic markers <u>ගමුම</u>ු and <u>ගමුමු</u>. [2008] Examples sylve adhesion to the retinal vessels was more dependent on CD29 (the common chain of the beta 1 integrins) expression than either CD11a/CD18 or CD498 c. [1997] RESULTS: MSCs could be grown from 30 of 37 children; at the third-fourth passage MSCs resulted positive (> or = 98%) for 4 CD73, CD385 \(, CD386 \(, CD29 \) , CD33, CD44 \(\) and negative (< or = 1%) for CD34 \(, CD45 \) , CD34 \(, CD34 \) . [2006] There were significantly fewer cells expressing COSTRO, COSRO and CO28 in the CD64-DCp population compared with # CD14- DCps, and this CD64- DCp subpopulation also had a lower expression of CD116 and CD186. [2000] These cells expressed C029 and C033 (Thy1.1) surface antigens, but not C031 (C034 and C045 . [2008] We examined the effect of disserver case? (dbcAMP) on the expression of EFA-1 [?] (CD11a/CD18), Mac-1 (CD11b)/ # CD18 (a), and YEA-4 (CD49/CD29 (a) and on eosinophilic differentiation of a human leukemia (CD49/CD29 (a) and on eosinophilic differentiation of a human leukemia (CD49/CD29 (b) and on eosinophilic differentiation of a human leukemia (CD49/CD29 (c) and on eosinophilic differentiation of a human leukemia (CD49/CD29 (c) and on eosinophilic differentiation of a human leukemia (CD49/CD29 (c) and on eosinophilic differentiation of a human leukemia (CD49/CD29 (c) and on eosinophilic differentiation of a human leukemia (CD49/CD29 (c) and on eosinophilic differentiation of a human leukemia (CD49/CD29 (c) and on eosinophilic differentiation of a human leukemia (CD49/CD29 (c) and on eosinophilic differentiation of a human leukemia (CD49/CD29 (c) and on eosinophilic differentiation of a human leukemia (CD49/CD29 (c) and on eosinophilic differentiation of a human leukemia (c) and (c) an The cells were strongly positive for \$\tilde{23385} \times (18.5 +/- 0.14), \$\tilde{2345} \times (27 +/- 2.8), \$\tilde{23385} \times (13 +/- 9), \$\tilde{229} \tilde{59} +/- 9.4), CD96 → (60 +/- 11) and consistently negative for CD117 → (1.2 +/- 0.1), CD186 → (1.1 +/- 0), CD34 → (1.2 +/- 0.2), CD14 → (1 +/- 0), and CD45 (1 +/- 0), consistent with a mesenchymal lineage. [2007] 4 HLSCs expressed the research great stem cell markers CD29 [?] (5, CD73 [?] (5, CD44 (5, and CD99 (5) but not the hematopoletic stem cell markers CD34 &, CD45 [7] &, CD117 [7] &, and CD133 &. [2006] These cells were positive for essential MSC surface molecules (CD86 >, CD165 >, CD166 >, CD44 >, CD29 >) and negative for most haematopoietic and endotheristicell markers (CD45 , CD34 , CD11a, CD335a , HLA-DR, CD344). [2008] Culture-expanded C0195 (+) cells expressed C0195 (-), C029 (-), C029 (-), and C0195 (-) but not C014 (-), <u>*</u> CD34 , CD45 , or CD31 surface antigens, and these cells were able to differentiate into osteogenic , chondrogenic, and adipogenic lineages. [2006] Immunological features of GM-490 cells, a new blood cell line from a patient with acute lymphoblastic leakersia, included lack of CD34 4, CD38 4, CD45 4, CD44 4, HLA-DR, and lymphoid and myeloid markers and expression of CD29 4, CD38 4, CD44 (a), CD54 (b), CD71 (c), CD105 (c), and CD133. [2006]

Unstimulated and anti-CD3 stimulated peripheral blood Tosts bear the respective ligands transported function associated antigen 1 [LFA-1 [7]] (CD18 a/11a)], and very late antigen 4 and 5 [VLA-4 a (CD29 a/49d) and VLA-5 a (CD29 3/49e)]. [1994] RESULTS: The isolated, cultured and expanded P-MSCs expressed state of markers such as CD29 , CD44 and CD23 , 2004. and showed established and adipogenic differentiation potentials under appropriate conditions. [2008] (00 Flow cytometric analysis revealed that cells from the fourth passage were positive for CD29 [7] ..., CD44 ..., CD71 [7] ..., CD73 **4**- **=** (2) \(\), CD99 \(\), and CD195 \(\) whereas they were negative for CD14 \(\), CD34 \(\), CD45 (7) \(\), and CD117 (7) \(\). [2008] Enhancement of 1887 replication following cross-linkage of CD18 3, CD29 3 or CD45 3 was dependent upon TNE abba 3 # secretion. [1996] We identified 463 unique proteins with extremely high confidence, including all known markers of hMSCs (e.g., \$83 [C37]]. **.** SH2 [CD185], CD186, CD44, Thv1, CD29, and HOP26 [CD63, I) among 148 integral membrane or membraneanchored proteins and 159 membrane-associated proteins. [2005] <u>*</u> Similar to the parental MSCs, hybrid cells are positive for the cell-surface markers CD29 [7] , CD49 , CD49 , and Sca-1 [3] (a), and negative for Gr-1, CD118 (a), CD13 (b), CD18 (b), CD31 (c), CD43 (c), CD45 (c), CD48 (d), CD90.2, CD445R/8228 [?] , and <u>CD117 [?]</u> markers. [2006] Flow sylometry revealed that the adherent cells were consistently positive for mesenchymal stem cell related markers CD13 \(\), CD29 \(\), CD44 \(\), CD98 \(\), CD185 \(\), CD186 \(\), and negative for the hematopoletic markers CD14 \(\), CD34 \(\), CD45 , and CD133 , similar to control bone memore stromal cells. [2009] The cells expressed CD29 , CD44 , CD495 , CD495 , vimentin [?] , and fibronectin [?] but not CD45 , indicating 1 that they are of mesenchymal cell origin. [2007] RESULTS: At 1 week of culture, cells expressed CD11a, CD18 [3] , CD29 , CD49d , and CD49e . [2001] # They stained strongly for CD13 , CD29 , CD44 , CD98 , and CD185 and were negative for CD34 and CD56 but were also negative for LNGFR (flow-affinity nerve growth factor receptor (a)) and STRO1. [2008] # The molecules studied included CD3, CD45R, (CD45RO), Research function-associated antigen 1 (LFA-1) (CD11a, CD18), intercellular adhesion molecule 1 (CA8414) (CD544), 484 (CD294), CD444, CD2, and LFA-34 (CD884). [1990] Biopsy specimens taken from skin before, during, and after syclassocial treatment were stained immunohistochemically for 😂 54 (SCAM-1), CD 29 (beta-1 integrins), and CD15 (beta-2 integrins). [1993] It was found that MSCs were positive for CD18 & CD29 & CD44 & CD73 & CD88 & CD185 & and CD166 & but negative **L** for CD14 &, CD31 &, CD34 &, CD62E &, CD45 &, and GlyA. [2008] When CD23 > expression was examined in place of FA-123 expression, similar results were obtained; CD45RAhigh ***** CD45R0- Toss consisted of two distinct subpopulations, CD29 :- to low and CD29high cells, while CD45RA-CD45R0high : cess were mostly CD29high. [1993] In contrast, other surface antigens such as HLA-DR, -DP and -DQ, CAME O, LEAS and CD29 O, which are all known to 4 participate in leucocyte-keratinocyte interactions, were similarly expressed in both cell types. [1994]

CD45RA antigen. [1991] Freezing markedly reduced the fraction of (2004) + cells with L-selectin (2002) expression from 62 to 11% and also # diminished the #acrescence intensity for the integrin subunits CD29 and CD49d on CD34 a+ cells. [1998] The CD4,CD45RO, or memory 3-xxxxxx subset was numerically normal but expressed increased levels of adhesion markers # (CD29 5, CD54 5, and CD58 5). [1993] Comparison of chronic hypobocytic leukersia and marginal 5-cell hypobocyte showed that the former presented a higher 4 expression of CD48c \(\) and a lower expression of CD11a, \(\)CD18b \(\), \(\)CD48d \(\), \(\)CD29 \(\), and \(\)CD54 \(\). [2006] These cells, through flow cytometry analysis, were mainly positively marked for five measurably stem cell antigens (CD29 A, CD99 A, CD395 A, S953, and SH4), while negative for hematopoietic cell markers, CD34 A, CD34 A, CD45 A, and CD117 , and for endothelial cell marker, CD31 . [2008] Stromal cell-associated markers (CD13), CD29), CD44 [7]), CD63), CD73, CD96), CD166) were initially low on SVF 4. cells and increased significantly with successive passages. [2006] RESULTS: Isolated corneal keratocytes exhibited a fibroblastoid morphology and expressed CD13 \(\), CD29 \(\), CD44 \(\), ***** C056 (a., C073 (b., C058) (c), C0585 (c) and C0533 (c), but were negative for HLA-DR, C034 (c), C0557 (c) and C045 (c), [2007] (00 Mononuclear cells collected from the menstrual blood contained a subpopulation of adherent cells which could be maintained in tissue culture for >68 doublings and retained expression of the markers CDSQ, CD23Q, CD41a, CD44Q, CD53Q, CD73Q, CD90 → and CD195, without karyotypic abnormalities. [2007] Flow sylometry analyses and immunocytochemistry stain showed that placental MSC was a homogeneous cell population devoid of hematopoietic cells, which uniformly expressed CD29 \(\), CD44 \(\), CD73 \(\), CD185 \(\), CD186 \(\), Iaminin, Etropecting and vinenting while being negative for expression of CB31 & CB34 & CD45 and alpha-smooth muscle actin. [2005] Flow cylogestry analysis revealed that CD29 & CD44 & CD35 & CD35 & and HLA-I were expressed on the cell surface, but there was no expression of hematopoietic lineage markers, such as \$\infty\$334\infty\$, \$\infty\$338\infty\$, \$\infty\$ and HLA-DR. [2008] Analysis of 10 surface molecules, CD11a, CD38Q, CD29 [7]Q, CD49dQ, CD49eQ, CXCR-4 [3]Q, CD62L [7]Q, CD33Q, # CD43 \(\), and CD44 \(\) over a 5-day culture period showed that their expression levels were either maintained or up-regulated on CD34(+) cells and the primitive Thy-1(+) subset. [2001] CsA was found to have no effect on <u>kerationacyte</u> expression of CD29 , CD58 or CD118 and c. The persistence of 4. CD54 \(\triangle \) on vascular analotheflum and of adhesion molecule expression on keratioocytes, despite resolution of the skin lesions, may explain the universal and rapid recurrence of **Sortion** on cessation of CsA administration. [1991] **4** RESULTS: Upon culture, UC-MSCs express a defined set of cell surface markers (CD29 , CD44 , CD73 , CD99 . CD165, CD166 , and HLA-A) and lack other markers (CD45 , CD34, CD36 , CD117 , and HLA-DR) similar to BM-MSCs. [2008] All clones expressed CD3, CD2, CD18 and CD29 a. [1992]

EBU.65+, CD4+ Tosts had low levels of expression of CD45R0, CD29 , CD54 and CD55 and had high levels of

In addition, mAb to the adhesion molecules LFA-3 3, CD2 3, LFA-1 [?] 3, CD29 3, and to the tyrosize phosphatase CD45 3 also inhibited proliferation, indicating the involvement of T to Tost interactions. [1991] Flow cytometric analysis showed that fetal lung MSCs expressed CD13 \(\), CD28 \(\), CD44 \(\), CD98 \(\), CD165 \(\), CD166 \(\), 4 and HLA-ABC, but not <u>CD14 \(\), CD31 \(\), CD34 \(\), CD38 \(\), CD41a, CD42b \(\), CD48 \(\), <u>CD48d \(\), CD61 \(\), CD168 \(\),</u></u> ○0133 △, and HLA-DR. [2005] Young HMEC until 211 demonstrated a nearly 100% expression of distinct adhesion molecules such as 2024 a, integrin beta1 ***** (CD29) and CD44 similar to the human mammary sensor cell line MCF-7. [2008] Surface analyses indicated higher percentages of CD49d (alpha 4)+ and CD29 (beta 1)+ CD4 Tipmahocytes in adherent * cells, but less of a differential in CD49 (aliaha 4)+ and no difference in CD29 (beta 1)+ 8 tymphocytes. [1994] We used flow cytometry to examine the cells' expression of CD29 \$\, CD31 \$\, CD45 [7] \$\, CD34 \$\, CD34 \$\, CD44 \$\, CD44 \$\, CD146 (), Fikt [7] (), and Sca-1 (). [2006] # The expressions of the CD38 gene and the VLA-4-integrin subunit genes, CD492 (alpha-subunit) and CD29 (betasubunit), were compared in the reliablocation of steady-state SCA patients and patients on HUT using real-time PCR. [2007] Accordingly, Now cytometry demonstrated that reticulocytes from patients on HUT had significantly lower CD36 > and CD496 a surface expressions (P < 0.01) and, importantly, significantly lower expressions of the CD36 a, CD496 and CD29 (a) genes (P < 0.05) than reflection/tes of SCA patients not on HUT. [2007] In contrast, EFA-1 [7] and VEA-5 (CD29 a-specific antibodies did not have an additive blocking effect on CD4+ 3 cell adhesion, suggesting that efficient adhesion requires a competitive association of integrins with extension elements. [1994] The possibility of administration of loaded cost custure was verified and comparative analysis of the spendings of 4 presencity mail stem cells by the expression of fibronectin , neetin, CD13, CD29, CD34, CD44, CD44, CD54, CD98 , CD105 , CD106 , HLA-ABC, HLA-DR, and PCNA was carried out. [2008] Results: The hUCMSCs were positive for the human \\SC \approx-specific markers \(\CO33\), \(\CO29\), \(\CO344\), \(\CO335\) and nerve * growth factor receptor, but negative for the haematopoietic lineage markers \$\(\frac{CO31}{23}\), \$\(\frac{CO34}{20}\), \$\(\frac{CO35}{20}\), \$\(\frac{CO45}{20}\) and HLA-DR. [2009] cocultures. [1994] The re-epithelialization markers integral alpha3 and skin-derived antileucoproteinase were remarkably increased with the # presence of SEGE [7] in a dose-dependent manner, while the mesenchymal cell surface markers CD29 [7] and CD44 were downregulated in a time-dependent manner. [2005] Analysis of the beta 1 https://s.subfamily (CD29 3., CD495 3., CD495 3., CD496 3., and CD49f) showed no significant change, **4** except that CD49e was significantly decreased on the HTLV-infected cell lines. [1995] 100 Nineteen mAbs specific for CD11a (1), CD14 [3] (3), CD18 (1), CD23 (1), CD29 (2), CD44 (2), CD47 (3), * CD486 (a), CD172a (b), CD45RB (1), CD81 (b), RACT48A, and GBSP71A reacted with goat LDA. [2007]

This study described the distribution, pattern and intensity of cytokine TGFa, adhesion molecules <u>CD 34</u> and <u>CD 44</u> integrins a2, a3, CD 29 (beta 1 chain) and <u>CD 61</u> (beta 3 chain) in hepatocellular cardinoma (HCC), metastatic live tumors and hepatic cirrhosis. [1995]	(174) ······
Finally, comparison of martile-cell tymphome and marginal B-cell tymphome showed that marginal B-cell tymphome higher expression of CD11a, CD11c 3, CD18 (31.3, CD29.3, and CD54.3, [2006]	ad a
The circulating monocytes also displayed a steady increase in membrane expression appropriation of ICAM-1, CD29 CD116, and CD116	
When monoclonal antibodies that specifically block the interaction of these integrins with their ligands were used, we obse that CD29 \(\gamma\) is only involved in adhesion and \(\frac{CD11b}{CD11b} \) only in migration, whereas CD11a participates in both processes. [2000]	rved 🖺 🏖
Phenotypically, MSCs can be defined with a minimal set of markers as <u>CD31 a, CD34 a</u> , and CD45-negative cells and <u>CD13 a, CD29 a, CD73 a, CD99 a, CD198 a</u> , and CD166-positive cells. [2007]	*
FhIPR and FhIPR-G(s)alpha distribution was similar to that of transmembrane <u>plasma membrane</u> (PM) markers (<u>CD147</u> , MHCI, CD29 <u>, Tapa1 </u> , the alpha subunit of Na,K-ATPase, transmembrane form of <u>CD58</u> and <u>CD44</u> <u>)</u> . [2004]	
For H9 cells, intracellular filamentous actin formation and the cell surface expression of CD3, CD11a, <u>CD25 [73, CD26 o</u> , <u>CD44 o</u> , CD29 o were measured by using tion extometry. [2004]	<u>#</u>
Of the cluster designations tested, CD29 3, CD49d 3, CD51 3 and CD61 3 were strongly expressed on HBMMC. [2002	
RESULTS: http://www.express.the.relative.specific antigens of MSC, such as SH2, alpha-smooth actin, CD29 (2), CD44 (2), CD90 (2) and S100 [?]. [2006]	
Beta 2 (CD18) and beta 1 (CD29 [?]) integrin mechanisms in migration of human polymorphonuclear leucocytes a monocytes through lung fibroblast barriers: shared and distinct mechanisms. [1997]	nd 🚆 🎎
RESULTS: <u>Coronary repertusion</u> down-modulated <u>monocyse</u> molecules expression, especially for <u>CB18 [?]</u> (P = 0.00 <u>CB44</u> (P = 0.0035), <u>CD49d</u> (P = 0.0029), <u>CD29</u> (P = 0.032), HLA-DR (P < 0.0001), <u>TLR-4</u> (P = 0.0109), <u>CCR2</u> 0.0184), <u>CCR3</u> (P = 0.0396), and <u>CX3CR1</u> (P < 0.0001). [2005]	the same
Activation markers such as CD25. HLA-DR, CD29. and adhesion molecules (CAM-1. and FA-3.) were clearly elevated in this group in comparison to 40 healthy volunteers. [1993]	
Surface expression of the beta-2-integrin chains (CD11a, CD11b &, CD11e and CD18 [?] a), and the beta-l-integrin of (CD49b &, CD49d and CD29 a), as well as that of members of the immunoglobulin superfamily (CD2 a, CD56 and CD58 a), were analyzed by one- or two-color two extensions [1995]	
Only a minor impact on other cell surface receptors (CD29 🏩, CD58 🏩 and CD54 😭) was noted. [2006]	
These antibodies were directed against CD29 (MEM1O1A, <u>K28</u>) and <u>CD18</u> (BU87, 7E4), the common beta1- and be integrin subunits respectively. [1999]	ta2-
The other adhesion molecules studied remained steady (CD43d , CD49e , CD29 , CD28 , and CD62L . [1994]	
In cases of low to medium extent of endothelization, the adherence of monocytes and granulocytes was mediated by the expression of CRASS CRASS and CRASS cases (2003)	

expression of $\underline{\texttt{CD186}}, \underline{\texttt{CD29}}_{\textcircled{\tiny{2}}} \text{ and CD11a (alpha-L} \underline{\underline{\texttt{integra}}}, \underline{\texttt{CD29}}_{\textcircled{\tiny{2}}}, \underline{\underline{\texttt{CD31}}}_{\textcircled{\tiny{2}}} \underbrace{(\texttt{PECAM-L}_{\textcircled{\tiny{2}}})}, \text{respectively. [2003]}$

We isolated an adherently growing population of HUCB-derived cells expressing CD13, CD29 \(\omega\), CD29 \(\omega\), CD29 \(\omega\), CD27 \(\omega\), CD273, -CD166 (), Fix-1, and vimentin (?) () but lacking CD34 () and CD45 (). [2005] These cells were found to express CD29 \(\), \(\text{CD44} \(\text{\infty}, \text{CD98} \(\text{\infty}, \text{CD185} \(\text{\infty}, \text{CD166} \(\text{\infty}, \text{and } \text{\tin\text{\texitil\text{\texi\text{\texi}\text{\text{\text{\text{\text{\texi}\text{\text{\text{\text{\text{\text{\text{\text{\tex * CD14 Q, CD34 Q, CD48 Q, CD45 Q, CD80 Q, CD86 Q, CD117 Q, CD152 Q, or MHC class II. [2005] 100 MATERIALS AND METHODS: Changes in CO29 , CO34 binding and GSH levels were examined using FITC-conjugated antibodies or flagrescence probes and flowcytometry. [2000] 4 These hemangioma-derived MSCs (Hem-MSCs) are similar to MSCs obtained from human bone marrow, expressing the cell surface markers SH2 (CD1854), SH3, SH4, CD984, CD294, smooth muscle alpha-acting, and CD1834 but not the hamatopoietic markers CD45 (and CD14 are or the hematopoietic/endothelial markers CD34 are CD31 are and kinase insert domain receptor & (KDR &). [2006] 4 Moreover, Entamoeba-induced ROS generation in pastrophile was inhibited by mAbs against CD18 [2] or CD115 o, but not by mAbs against CD11a, CD11c , or CD29 . [2007] The present report describes the induction of aggregation of with the present report describes the induction of aggregation of with the present report describes the induction of aggregation of with the present report describes the induction of aggregation of with the present report describes the induction of aggregation of with the present report describes the induction of aggregation of with the present report describes the induction of aggregation of with the present report describes the induction of aggregation of with the present report describes the induction of aggregation of with the present report describes the induction of aggregation of with the present report describes the present report desc extent by antibodies to the common beta 1/CD29 [7] chain of these integrins. [1991] RESULTS: FACS analysis indicated that SECANO +ve cells were positive for CD29 3, CD39 3, CD39 3, CD39 3, HLA <u>*</u> class I, albumin and AFP but negative for HLA class II (DR) and CD45 ... [2008] In addition, CD4.5, CD8.5, CD29.5, CD45RO expression on peripheral CD3(+) \$\infty\$ selfs were studied using \$\infty\$ cytometry, [2002] * A stromal marrow cell (SMC) population expressing the markers COSS ..., CD29 ..., CD13, and CD54 ... was identified. [2001] ionizing radiation caused an appreciation of the cell surface expression of intercellular adhesion molecule-1 (KAM-1-5) and integrins beta1 (CO29), alpha2 (CO490), alpha5 (CO49e) and alpha6 (CO49f) in keratioscytes, which was inhibited by 1alpha,25(OH)2D3. [2006] METHODS: Immunohistochemical study was used to evaluate the expression of molecular mediators, bone morphogenetic protein 4 (1889-44), beta-catering, osteopontin, osteopasting and osteocalcin, and cell markers, smooth muscle actin, CD29 > and CD44 >. [2008] We have studied the post-injury expression of the handbooks and neutrophil adhesion molecules CD11a (LFA-1 * (2) (a), CD (1b), CD (1c), CD29 (beta-1 integral) and CD02L (L-selectin) in a group of 36 trauma patients, 13 of whom had suffered major trauma (ISS > or = 16), 15 moderate trauma (ISS = 9-15) and eight minor trauma (ISS < 9). [1997] 8GM mAb, an 1903 precipitating a 70 kDa structure from HUVEC, was able to induce and the first calls to secrete amounts of IL-6 significantly higher than irrelevant controls or mAb binding different endothelial antigens (i.e. CD31 5, CD29 [7] 5, ECAM-1 (1998) and HLA class I). [1998] The percentage of http://www.bearing.the adhesion molecules (2049d.), C029. and (2062), was increased in MS blood, but the level of CD29 and CD621 expression was reduced. [1996]

In the binding assays, the numbers of FDCs bound to starting and laminin-coated dishes and LFs of cryostat sections of human spassis were reduced markedly by pretreatment with monoclonal antibodies against CD29 (a, CD49e), and CD49f. [1996] **4** SAg-induced death of primed \(\) was also inhibited by monoclonal antibodies (mAb) directed at the CD11a/CD18 \(\) molecule but not those reactive with other Yes surface molecules such as CD2 , CD7 , CD28 , CD29 or CD49d ... [1993] The expression of the beta subunit of the \$\frac{\infty}{2} \text{integrins (CD18 [3]), but not that of beta1 integrins (CD29 \), was increased # during 24-h RA treatment. [2000] Moreover, several integrins (CD115 , CD112 , CD112 , CD113), CD41a, CD51 and CD29) were also found. [1997] Immunofluorescent staining of colls cultured on fibronecting, showed the 100 kd protein coinciding with the fibronecting * receptor beta subunit in sites of substrate contact. [1989] The beta subunit of the human floroxectin a receptor (FNRB a) is a transmembrane protein belonging to the VLA (very late antigens of activation) family. [1989] A cDNA clone of the beta subunit of human standards receptor (FNRS) detects two different polymorphic loci: (a) a codominant system previously mapped to the pericentromeric region of chromosome 10, the site of the functional FNRS & gene; and (b) a dominant system not linked to the first one or to any approximate 10 marker tested. [1990] Intracellular tyrosin-phosphorylation induced by stronger by CO29 stimulation in H9 cells was analyzed by # immunoblotting, [2004] 100 Twenty three mAbs specific for CD7 \((1), CD8 \((2), CD11a (1), CD14 \((3), CD18 \((4), CD29 \((1), CD22 CD44 (1), CD47 (4), CD496 (2), CD58 (1), CD88 (1), CD172a (1), and GBSP71A reacted with Nama LDA. [2007] Moreover, the influence of chemotactic agonists on the adhesion properties as well as the quantitative expression of CD29 🍇, * CD11b/CD18 and CD61 was analysed by flow cytometry. [1996] 4 Lymphacytes adhere to fibronectin (FN) via multiple receptors of the VLA (beta 1, CD29 integrit) family. [1991] These cells were identified with the epithelial markers, including apple is consistency (AFP), albumin (ALS), cytokeratins * (CK) 7, and CK18, as well as the mesenchymal markers, such as alpha-smooth muscle actin (ASNA), CD29 , CD44 , CD49, CD54 , collagen I and osteopontin (CPN). [2005] Concomitantly, Mabs against CD63 and CD82 diminished the surface expression of CD29 a, CD116 and CD82 # alpha5 integrins. [2004] The surface density of CD29 △ on CD45R0 bright LP-T corresponded to that of CD45R0 negative PB-T, and a significant # proportion of CD45R0 bright LP-T was even negative for CD11a/CD18 and CD29 . [1992] TLC from both panels showed similar levels of expression of TCR alpha/beta, CD4., CD2., CD25., and CD29. and recognized nickel in association with class II HLA molecules with restriction determinants in HLA-DR, HLA-DP, and HLA-DQ. [1992]

We studied the expression of various cell surface molecules (CD25 73), CD28 (CD29), CD45RO, CD56, LFA-1 (CD26 CD56), LFA-1 (CD

4) on peripheral blood CD4+ T-cells in 6 relapsing-remitting multiple sclerosis (RR-MS) patients. [1996]

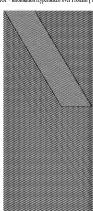
4

The heterogeneity of CD31 ansiges are expression by CD4-positive cells was further examined by dual-labelling of purified CD4 * cells with mAb B2B1 and CD45RA or CD29 > mAb which identify naive and memory Tosts respectively. [1991] We then asked whether the corresponding integrals adhesive counter receptors improved function-associated antigen-1 <u>*</u> (CD11a/CD18), macrophage-1 antigen (CD11b \(\lambda \)CD18 \(\lambda \), p150,95 (CD11c \(\lambda \)CD18 \(\lambda \)), and very late activation antigen-4 (CD49/CD29) are increased in patients with preciamosia. [1997] METHODS: By means of flow cytometry analysis, we evaluated (CAN-1) and CD29 expression by WK and HEL epithelist # colls in basal condition (at baseline) or after #78 gamma a or TNF alpha stimulation in the presence or in the absence of terfenadine and fexofenadine. [1998] Other markers were only occasionally found (CD4 &, CD315), CD29 &, CD32 (?) and CD54 &), and the remaining above <u>*</u> antigens were not expressed. [1997] Here, we show that spheroid cultures of these colon CSCs contain expression of CD133 ..., CD186 ..., CD44 ..., CD29 ..., CD24 -[2008] and nuclear beta-catering, which have all been suggested to mark the (cancer) stem cell population. [2008] Cell contact-dependent costimulation of NK costs does not appear to involve known receptors that can costimulate T costs. including CD2 \$\times\$, CD27, CD28 \$\times\$, CD29 \$\times\$, or LFA-\$ [7] \$\times\$. [1996] # Variable numbers of cells of each of the clones expressed Ag identified by mAb 4B4 (CD29 (a), Lev 5, Lev 15 (CD118), and NKH1. [1988] Of these <u>glycoprotein</u> receptors, <u>CD45</u> and <u>CD71</u> , but not CD29 and <u>CD45</u> , appear to be involved in <u>galectic 5</u>. 4 induced Tool death. [2006] Consistent with previous reports on tissue-derived mass assis, those derived from foetal liver to sign expressed HLA class I, CD9 (CD29 (CD33 (CD43 (CD45 (And Kit. [1993] The following parameters were studied: surface molecules expression (CD18 17) , CD115 , CD144 , CD162 , CD155, C088 &, C086 &, C016 &, C049d &, C029 &, C025 &, HLA-DR, Toll-like receptor 4 & [TLR-4 &], CXCR1 &, CCR2 &, CCR5 & CX3CR1 &), oxidative barst response, monocyte-platelet conjugates (using antibodies against CD45 &, CD14 &, CD41a), and platelet activation (CD62P >, PAC-1 >). [2005] RESULTS: HGMC were found to react with antibodies against CD29 \(\), \(\text{CD33} \(\), \(\text{CD44} \(\), \(\text{CD47} \(\), \(\text{CD47} \(\), \(\text{CD54} \(\), \(\), \(\), \(\text{CD54} \(\), \(\) e d CD55 (a), CD58 (b), CD68 (c), CD117 (c), CD147 (c), CD151 (c), CD172a (c), and CD203c (c), [2005] Serum LDH was elevated to 3,990 u/l. The T-CLL cells coexpressed antigens detected by MAbs CD2 , CD3, CD4, CD5 , Ti <u>*</u> (TcR alpha/beta; WT31) CD45 and CD45RA, but did not express any other antigens including CD1 and CD45RA, but did not express any other antigens including CD1 and CD45RA, but did not express any other antigens including CD1 and CD45RA, but did not express any other antigens including CD1 and CD45RA, but did not express any other antigens including CD1 and CD45RA, but did not express any other antigens including CD1 and CD45RA, but did not express any other antigens including CD1 and CD45RA, but did not express any other antigens including CD1 and CD45RA, but did not express any other antigens including CD1 and CD45RA, but did not express any other antigens including CD1 and CD45RA, but did not express any other antigens including CD1 and CD45RA, but did not express any other antigens including CD1 and CD45RA, but did not express any other antigens including CD1 and CD45RA, but did not express any other antigens including CD1 and CD45RA, but did not express any other antigens including CD1 and CD45RA, but did not express any other antigens including CD1 and CD45RA, but did not express any other antigens including CD1 and CD45RA, but did not express any other antigens including CD1 and CD45RA, but did not express any other antigens including CD1 and CD45RA, but did not express any other antigens including CD1 and CD45RA, but did not express any other antigens in contract and c TCR gamma/delta, Ti gamma A and TQ-1. [1993] 100 The spectrum of phenotypic markers in PSCs was investigated; a similarity was revealed when using human bone marrow-1 derived stem cells as the comparative experiment, such as CD29 , CD44 , CD49, CD51 , CD52E , CD52E , PDGFB .alpha, CD73 (SH2), CD81 (3), CD105(SH3). [2006] Both OCs and FBGCs expressed the alpha-chains of the <u>vitronectin recentor (CDS1)</u> and of the <u>VLA-2 </u> (CDw49b) and VLA-4 > (CDw49d) molecules as well as their respective beta-chains, gpllla (CD\$1 > and CD29 > [1991] The sell adhesion receptors GPIV (Tip. (CD38 5) and integrin alpha 5.4 beta 1 (CD48d 5/CD29 5) were previously identified on circulating sickle resiculocytes, and shown to mediate sickle RBC adhesion to the endestretism. [1996]

These was out and the other cell types present also adhere spontaneously to fitnesses and to laminin, this adhesion being partially inhibited by antibodies against COSE and CO29 integrins. [1995] CD45R0 bright LP-T were also bright for CD2. and CD58. but had significantly reduced surface densities of CD11a/CD18. and CD29 a compared with CD45R0 bright PB-T. [1992] CD45R0 bright Tests from the peripheral blood (PB-T) were predominantly bright for CD2 , CD58 , CD29 , and CD11a/ whereas CD45R0 dim PB-T had bimodal expression profiles and CD45R0 negative PB-T were dim or even negative for these Ag. [1992] Very-late antigen (VLA)-4(CD49d/CD29) constitutes the only member of the beta 1 integral family that plays a role in the -\$ interaction of impehoid cells with both extracellular matrix and endothelial cells through two identified ligands: fibronectin or (FNO) and VCAM-10, respectively. [1991] The recognition of equine symptocyte antigens by monoclonal antibodies (mAbs) directed against human CD11a, CD18.4. CD21 A, CD23 A, CD29 and DR, as well as mouse CD23 was studied by flow cytometry. [2003] Six markers (CD16 [?] >, CD29 >, CD33 >, CD35 >, CD44 >, CD71 >, and HLA-DQ) remained unchanged. [2002] 4. With regard to the integrin family, monocytes expressed beta 1 (CD29), alpha 4, alpha 5, alpha 6, beta 2 (CD18 [2]), CD11a, CD11b, and CD11c, subunits, but not alpha V (CD51). [1994] Array data showed that both hbmMSC and hpMSC expressed mRNA for the call addresses molecules CDS4 (CAMA), E-# cadherin _, CD166 _ (ALCAM _), CD56 _ (NCAM _), CD196 _ (VCAM-1 _), CD49a _, b, c, e and f (integrins alpha1, 2, 3, 4 and 6), integrin alpha11, CDS1 (integrin alphaV), and CD29 (integrins beta1). [2008] Accumulating evidence suggests that the VLA/CD29 a molecule plays an important role in East costimulation, and CD4+CD29/ # VLA+ memory Tools play a key role in induction of till killer effector to see which are considered to be a major population involved in graft rejection. [1996] Expression of the CD29 \(\), \(\text{CD49} \(\) \(\) and \(\text{CD21} \(\) adhesion molecules on the platelet surface was unaffected by storage in * Diatube-H. [1995] Expression of markers for hepatic progenitors such as albumin, alpha-fetoprotein (AFP), CD29 (integrin beta1), 4 CD491... (integrin alpha6) and CD99... (Thy 1) was studied by using flow cytometry, immunocytochemistry and RT-PCR; HLA class I (A, B, C) and class II (DR) expression was studied by flow cytometry only. [2008] **a** . Large focal adhesions containing aggregates of ITGAV &, ITGA4 &, ITGA5 &, ITGB1 &, ITGB5 [7] &, ACTN > and were detected in interplacentomal LE and Tr of only gravid uterine horns and increased during pregnancy. [2008] Antibodies to the integrins CD11a and CD29 or to the glycolipid-anchored proteins CD14 and CD25 also had no effect. [1995] AG-F cell line demonstrated an unusual phenotype, lacking surface 202 and 203, but expressing high levels of 234 . # CD5 , CD7 , CD29 [?] , and CD45RO. [1993] The formation of these processes is shown to require the interaction between the beta1-integrin (CDDS) on the surface of the <u>*</u> DCs and fibronectin) in the extraceflular matrix. [2006]

Whereas expression of HLA class I, HLA-DR, intercellular cell adhesion molecule-1, and CD29 () was distributed homogeneously within a patient's serial sections, immunoreactivity of vascular cell adhesion molecule-1 (a, lymphocyte function antigen-3, and the selectins was accentuated on single vascular endothelia. [1999] In turn, cells with the mesenchymal previously displayed a fibroblast-like morphology and expressed several MPC-related * antigens (SH2, SH3, SH4, ASMA, MAB 1470, CD13, CD29 > and CD49e >). [2000] 100 In contrast to CD56bright+ PBNK cells, DLGL were still brighter for CD55 and show higher expression for CD29 and -CD45RO. [1997] * The DNA markers, REP3 (retinol-binding protein 3, interstitial) and FNEB (fibronecists) receptor, beta polypeptide), are both tightly linked to the MENDA locus, and are localized to opposite sides of the MENDA locus. [1991] 4-FACS analyses and immunostaining showed the mesenchymal characteristics of these cells by positive staining for fibronecting, vimenting, CD49E, and CD29g. [2006] Our results indicate that 15 anti-human CD9 \(\), CD38 \(\), CD38 \(\), CD28 \(\)? \(\) (two clones), CD22 \(\), CD25 \(\)? (CD29 \(\)) - A [2] (two clones), CD32[3] (CD47[3]) (two clones), CD49d), CD49e), and CD86 mAbs exhibit clear cross-reactivity with guines mig splenocytes. [2007] 4 These strongs calls displayed a new phenotype with positive immunostaining for CD8 >, CD18, CD29 >, CD146, CD166 and Multi drug resistance protein. [2008] Thyrnus samples of animals treated with 1 and 10ng/kg were additionally analysed by Western blotting for ECM proteins, transforming growth factor-beta(1) (TGF-beta(1)) and integrals chain content (CD49a >, CD49e CD29_). [2006] 4 The quantitative levels of CONNECTION but not CO29 and COSNA, was increased by fMLP, but not RANTES nor Re-8⊲. [1996] METHODS: Flow cytometric analysis of CD3, CD19, CD36/CD36 [7] \(\), CD4 \(\), CD8 \(\), CD4 \(\)/CD29 \(\), CD4 \(\)/CD29 \(\), CD4 \(\)/CD45RA, ***** CD4 @/CD45RO, CD8 3/CD28 @, CD3/CD69 @ tymphocyte subsets isolated from third trimester decides of pregnants with preeclampsia (n=21) and pregnant controls (n=11) subjected to elective caesarean sections. [2003] We studied the changes in expression of CD\$ and beta1-integrins (CD29 , VLA) in human vascular smooth moscle cells # \$ (VSMCs) under its vitro culture conditions mimicking proliferative vascular diseases. [1998] The most significant phenotypic difference between ATL cells and CTCL cells was the expression of Levil (Normal pools homing ı L receptor), CD7 and CD25 antigens on the cell surface, and the main phenotypic difference between skin-infiltrating ATL and CTCL cells and peripheral blood and hand hand hand ATL cells was the expression of CD29 and CD45RA. [1990] Animals were hysterectomized on Days 40, 80 or 120 of pregnancy and west immunostained for integrins (ITGAY ..., ITGAY ..., ITGAS , ITGB1 , ITGB3 and ITGB5 [?]), ECN proteins (SPP1 , LGALS15 , FN and YTN), cytoskeletal proteins (ACTN and TLN) (a), and signal generator (PTK2 (a)). [2008] NKL cells express CD2 &, CD6 &, CD11a, CD26 &, CD27, CD29 &, CD38 &, CD43 &, CD86 &, CD81 &, CD94 &, CD95 &, class II MEC , and the C1.7.1 antigen, but do not express detectable levels of CD3, CD4 , CD5 , CD8 , CD19 &, CD20, CD28 &, alpha/beta or gamma/delta T cell receptors on the cell surface. [1996]

Neutralizing antibodies reactive with either \$558 4, YCANA 1 or CD29 or were all equally capable of inhibiting the binding of activated leakocytes to mesothelial cells (in the presence of anti-CD18 antibody). [1994] By means of dissection/proteinase digestion techniques, high numbers of viable mononuclear cells were harvested from # human placenta at term, and a mesenchymal cell population with characteristic expression of CD9 , CD29 , and CD73 was obtained in culture. [2004] RA-NLC constitutively expressed CD29 \(\), CD45c \(\), CD54 \(\) ((CAM-1 \(\)), CD156 \(\) (YCAM-1 \(\)), CD157 (RST-1), and class 4 | 上端公 molecules, and secreted IL-6, 上子 記念, 是老会, granulocyte-macrophage colony-stimulating factor (G跡 CSF公) and granulocyte colony-stimulating factor (G-CSF). [1998] The expression of intracellular galectin-3 $_{\odot}$, or cell surface CD29 $_{\odot}$, CD51 $_{\odot}$, and CD61 $_{\odot}$ was determined by flow cytometry # before and after adhesion, [2005] Both CD29 and CD3 were expressed at normal levels on https://www.patients > 3 mo after allo-BMT, whereas it call interaction with SCM through VLA proteins or crosslinking of VLA beta 1 expressed by \$ 300 with anti-CD29 mAb results in poor induction of CD3-mediated proliferation for a prolonged period (> 1 yr) after allo-BMT. [1994] 4 Members of the beta 1 (CD29 [?] >) integrin family are involved in cellular adhesion to extracetistar matrix [?]. [1991] * Sixty-six percent of the DCM biopsies presented CD29 abundance also within the extracellular matrix and the sarcolerama, [1999] Conversely, some CD98 [2] antibodies were potent inhibitors of CD29 induced aggregation. [2001] Only a percentage of the FDC population was positive for the VLA beta-1- and alpha-3-chain (CD29 \(\), CD48c \(\)), the vitronectin receptor (CDS1 (a) and the vascular cell adhesion molecule-1 (a) (VCAM-1 (a)). [1992] Cynaropicrin potently blocked CD29 (beta1 integrins)- and CD98 [7] induced homotypic aggregation with IC(50) values of * 3.46 and 2.98 microM, respectively, without displaying cytotoxicity. [2004] In this study we have examined inhibitory effect of cynaropicrin on activation of major adhesion molecules [CD29 & (beta1 t I integrins), CD43, and CD98 [3] on the cells assessed by U937 (promonocytic cells) homotypic aggregation. [2004] In southers, Trees were of a minor population (< 2% of total cells), and not all expressed activation markers for CD29 (very late antigen-1 (VLA-1 ()), IL-2R and HLA-DR. [1995] This screening identified mAbs that consistently reacted with both putative myeloid (CD18, CD22 \othersigma, CD23 \othersigma, CD27 \othersigma, CD29 \(\), CD32 [?] \(\), CD496 \(\), CD81 \(\), CD85 \(\), CD85 \(\), CD163 \(\), CD165 \(\)) and 8 cell (CD16, CD22 \(\), CD23 \(\), <u>0027 </u>, CD29 <u>, CD32 (?) , CD49d </u>, <u>CD81 </u>, <u>CD85 </u>, <u>CD88 </u>, <u>CD165</u>) activation or differentiation antigens. [2007] However, the expression of some integrin receptor subunits, such as CD29 , CD49a and CD491 , was apparently reduced in the etoposide-resistant subclones. [2006] 4 Inhibition of CO29 ATME aspite a might be a therapeutic option to limit endothelial dysfunction following cardiac surgery with extracorporeal circulation. [2004] 4 Cardiac surgery with extracorporeal circulation: neutrophili transendothelial migration is mediated by beta1 integrals (CD29 (a) in the presence of TNF-alpha (c). [2004]



We quantified the freshly isolated as well as cultured primary human <u>kerathrocytes</u> by their expression of the beta(1) integrin (CD29) in combination with the expression of the alpha(6) integrin (CD48) and the transferrin receptor (CD71) by flow cytometric methods. [2008]



FNR8 will prove to be a highly useful marker for genetic finkage studies of multiple endocrare records type 2A (MEN2A) as well as for chromosome 10 linkage studies in general. [1989]



Result page: 1 2 [Next]

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